

DIVYANSHU KUMAR

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SKILLS

- Languages:** C, C++, Java, Javascript
- Tools/Platforms:** MySQL, SQL Server
- Soft Skills:** Problem-Solving Skills, Project Management, Adaptability

PROJECTS

**Farmer Support Platform** | Java , API, MySQL May’ 2025

- Designed and developed a digital platform to support farmers with real-time agricultural guidance
- Provided services such as weather updates, crop recommendations, pest control tips, and market price information.
- Aimed to enhance productivity, sustainability, and informed decision-making among rural farmers.
- Learned real-time data-driven solutions using Java and APIs to support agriculture-based decision-making.

**Malaria Detection System** | Python, OpenCV, Machine Learning May’ 2025

- Preprocessed blood smear images using OpenCV, enhancing image quality and reducing noise by 40%.
- Developed a convolutional neural network (CNN) model for malaria parasite detection, achieving 92% accuracy.
- Built and deployed a web-based application with Flask and HTML, providing fast and user-friendly malaria diagnosis with an 88% user satisfaction score.
- Learned to preprocess medical images, build and deploy CNN models for accurate malaria detection using Python and Flask.

**Payroll Database** | SQL, MS SQL Server Nov’ 2024

- Develop a payroll database system to manage employee salaries, deductions, and payments efficiently.
- Used to store employee details.
- Calculate salaries based on working hours, tax deductions, and benefits.
- Generate payslips and maintain salary records.
- Learned to design relational databases and automate payroll processing using SQL and MS SQL Server.

CERTIFICATE

<b>Computer Communication and Network</b>	Cisco network academy	Feb’ 2024
<b>Data Analysis Using Python</b>	Cognitive Class by IBM	Mar’ 2025
<b>Google Data Analytics</b>	Coursera	July’ 2025
<b>Data Analysis Using Python</b>	FreeCodeCamp	July’ 2025

EDUCATION

<b>Lovely Professional University</b>	Jalandhar, Punjab
Master’s of Computer Application	Aug’ 2024-present
C.G.P.A: 6.13	
<b>S.N.S.R.K.S, College</b>	Saharsa,Bihar
Bachelor’s of Computer Application	Sept’ 2020-Aug’ 2023
Percentage: 83.5%	
<b>Eklavaya Central School</b>	Sulindabad, Bihar
Intermediate in Science	Mar’ 2018-Apr’ 2020
PCM, Percentage: 65%	